

FIG 1

FIG 2

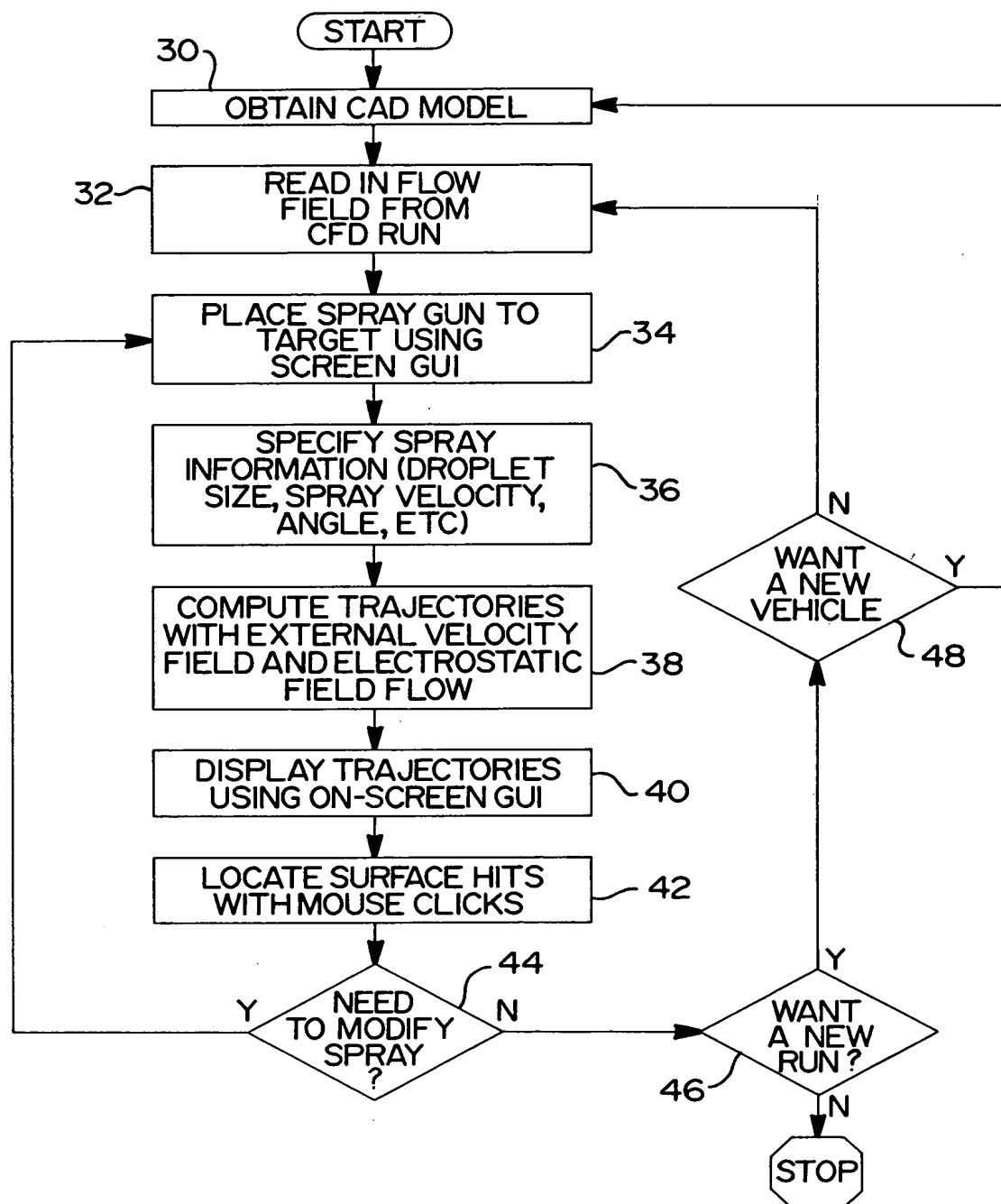


FIG 3

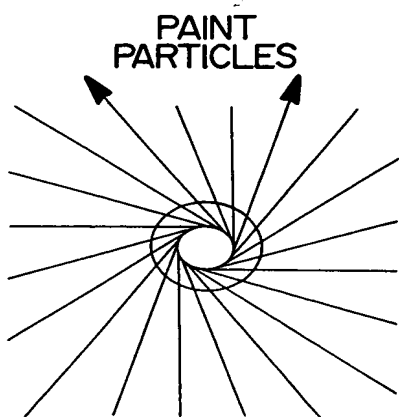
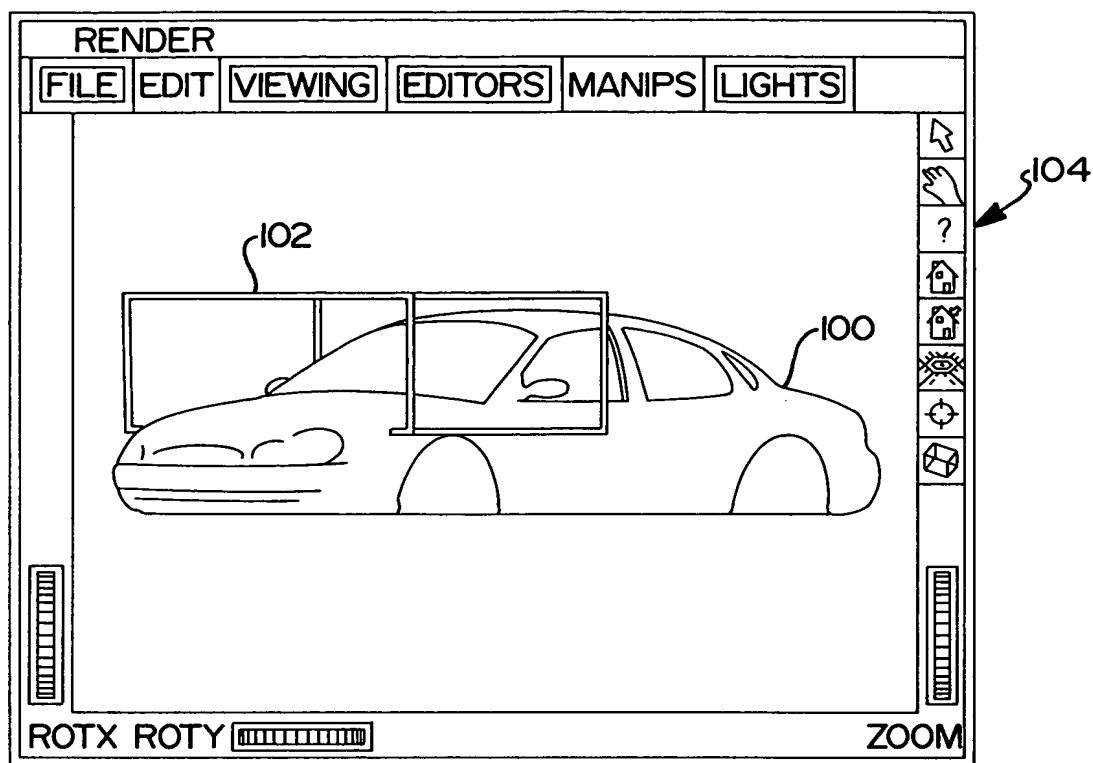


FIG 8A

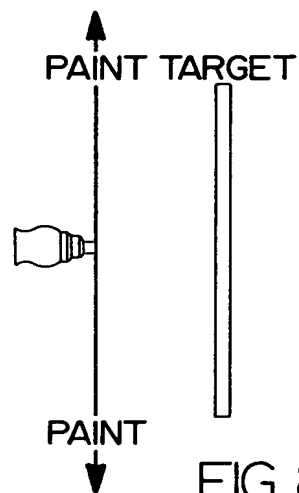


FIG 8B

FIG 4

READ MME RESULTS

HELP


FILENAME

SHOW GRID

☐

TIMESTEP

1600e+04



UNITS

☐ USER

☐ MKS

☐ DIMLESS

☐ LATTICE

PEEK

NEXT

PREV

CROP

☐ PREVIEW

TOOTHING

☐ OFF

SUBSAMPLING

2

3

0

MIN X

9472

10128

9472

MIN Y

6648

6976

6648

MIN Z

13064

13472

12656

MAX X

10128

10128

9472

MAX Y

6976

6976

6648

MAX Z

13472

13472

12656

4000

1600

OUTPUT A

☐ VELOCITY

OUTPUT B

☐ NONE

OUTPUT C

☐ NONE

OUTPUT D

☐ NONE

OUTPUT E

☐ NONE

OUTPUT F

☐ NONE

OUTPUT G

☐ NONE

OUTPUT H

☐ NONE

OUTPUT I

☐ NONE

FIG 5

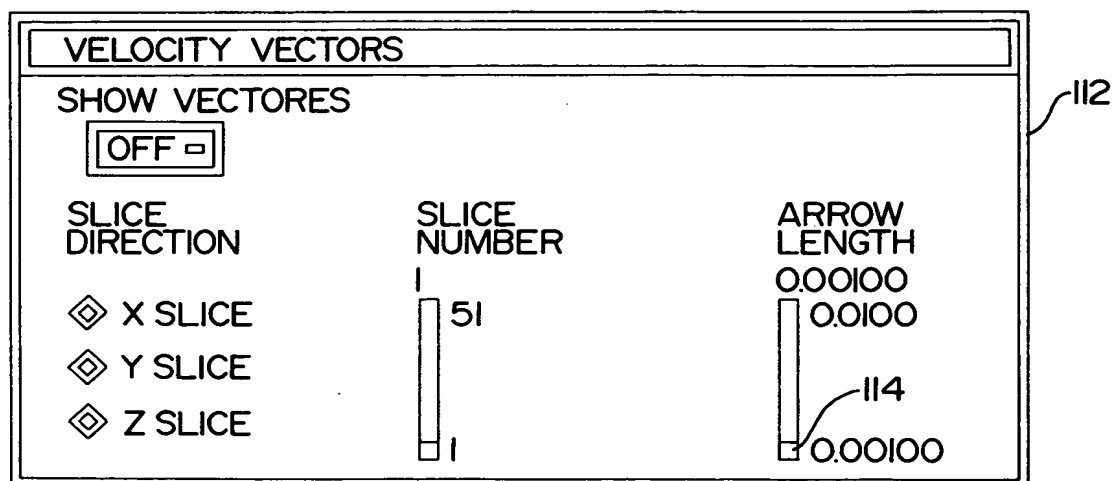
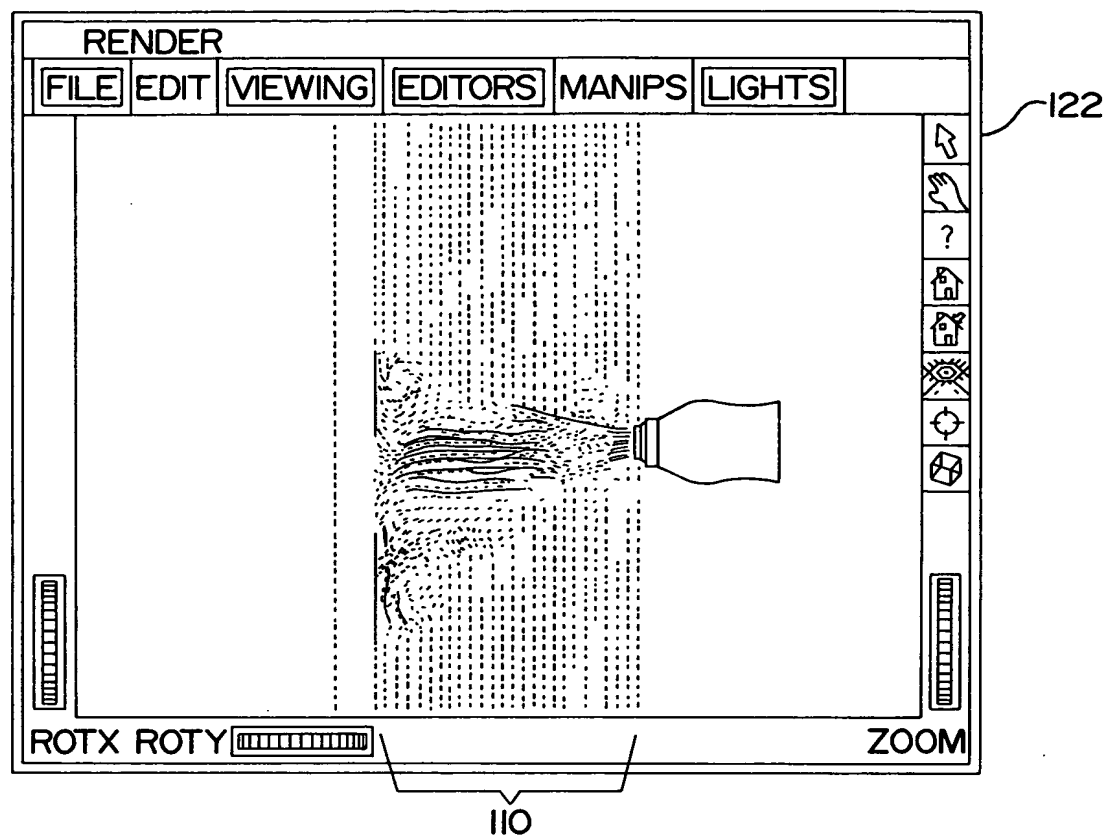


FIG 6

FIG 7

**SPRAY**

**PARTICLE TRACK**  
◆ DONE  
◆ START 138

**TRACK DYNAMICS**  
140  
148  
150

**TRACKS**  
HIDE 146

---

**DIAMETER** 0.00158 126

**TIMESTEP** 0.0001

**DENSITY** 128 915.0

**NUMBER OF PARTICLES** 5 134

**X**  
23.23  
116  
22.89 24.48

**Y**  
16.26  
118  
16.07 16.86

**Z**  
31.80  
120  
31.57 32.56

**BASE ANGLE**  
5.00  
180.  
132  
-180.

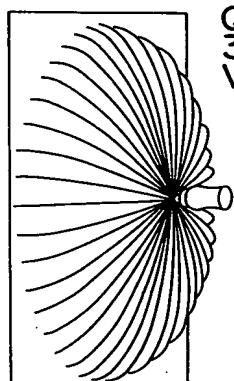
**INCLINATION ANGLE**  
230  
180.  
130  
0.00

**INITIAL VELOCITY**  
8.00  
50.0  
0.00

**SPRAY ANGLE**  
200  
180.  
0.00  
136

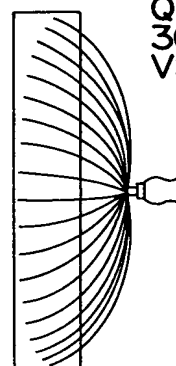
121

FIG 9A



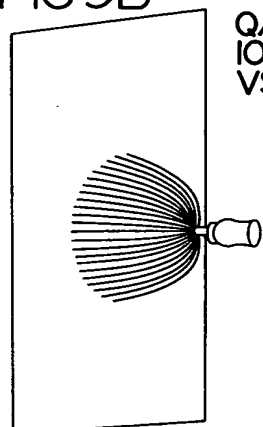
Q/M=5  
 30000 RPM  
 VS=30 M/S

FIG 9D

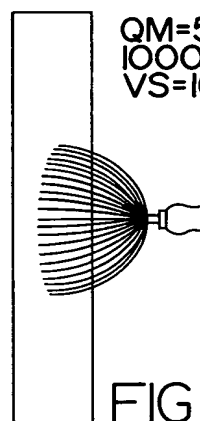


QM=5  
 30000 RPM  
 VS=10 M/S

FIG 9B

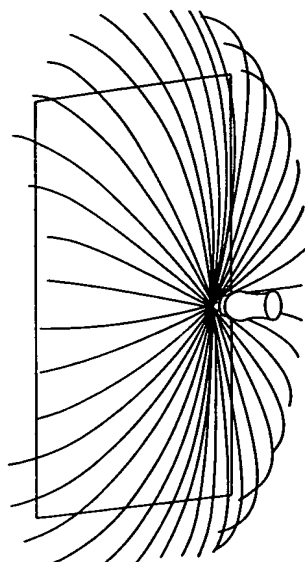


Q/M=5  
 10000 RPM  
 VS=30M/S



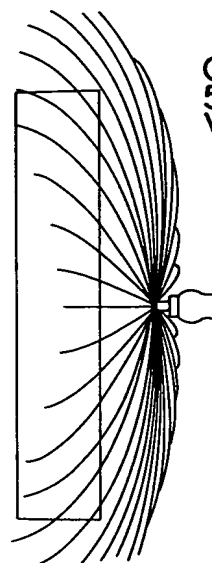
QM=5  
 10000 RPM  
 VS=10M/S

FIG 9E



Q/M=5  
 50000 RPM  
 VS=30 M/S

FIG 9C



QM=5  
 50000 RPM  
 VS=10 M/S

FIG 9F

FIG 10

